

**VESSEL HARVESTING RETRACTOR WITH INTEGRAL
ELECTROSURGICAL CLAMPING ELEMENTS**

ABSTRACT OF THE DISCLOSURE

An endoscopic vessel harvesting device and a method of endoscopic harvesting of vessels from a patients body. The method comprises locating the vessel, and inserting the vessel harvesting device through an incision. Dissecting the vessel from the surrounding tissue, and capturing side branch vessels in a vessel capturing means. Ligating and transecting the side branch vessels using electrodes and a knife located in the vessel capturing means. Finally, ligating and transecting the vessel, and removing the vessel from the patients body. The vessel harvesting device comprises a head piece, a shaft having a lumen for receiving an endoscope, and a vessel capturing means located on the head piece for capturing the side branch vessels in the receiver.